21 FEB 1958

Mr. Thomas Meloy
Chairman
M.I.T. Regional Conference
3000 Arlington Blvd.
Falls Church, Virginia

Dear Mr. Meloy:

Mr. Dulles and I appreciate very much your invitation to attend the M.I.T. Regional Conference, including luncheon and dinner, on March 1. Mr. Dulles regrets that he will be unable to attend any part of the conference, but I would look forward to being able to attend the daytime sessions, including the luncheon. Unfortunately, I have a previous engagement for that evening and will not be able to be present.

STATINTL [redacted] who is in charge of our Fundamental Science Division, is very much interested in the conference and would like to attend the entire session in our stead. If this is possible, he would like to bring his wife for the dinner and evening session. We should, of course, be very glad to pay the necessary fees for his attendance. Further, one or two additional people in this office would be interested in attending the lecture sessions during the day if this can be arranged.

I can be reached on [redacted] STATINTL if you need to get in touch with me further on this matter. STATINTL

Sincerely yours,

[redacted]

Herbert Scoville, Jr.
Assistant Director

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M.I.T. REGIONAL CONFERENCE

"The Outlook for Science in America"

February 10, 1958

Committee
3000 ARLINGTON BLVD.
FALLS CHURCH, VA.
JEfferson 4-6000

Allen W. Dulles, Esquire
Director of Central Intelligence
2430 E Street, N. W.
Washington, D. C.

My dear Mr. Dulles:

You will find enclosed a folder describing the M.I.T. Regional Conference to be held in Washington on Saturday, March 1 on the "The Outlook for Science in America."

On behalf of the President of M.I.T., Dr. James R. Killian, Jr. and the M.I.T. community it gives us great pleasure inviting you to be our guest for this interesting series of meetings which will be held at the Shoreham Hotel and which will include luncheon and dinner.

If you find that you can not be present for the entire day's activities, you may be able to attend some portion of the program. If you will notify us of your choice, either by mail or by telephone, at the above address, we shall be happy to mail you a guest card for the entire series of meetings or for such portion that you can attend.

We sincerely hope you will participate in what we believe will be a timely and stimulating meeting.

Thomas Meloy
Chairman

Enclosure

SATURDAY, MARCH 1, 1958 • SHOREHAM HOTEL • WASHINGTON, D. C.

SPONSORED BY THE M.I.T. CLUB OF WASHINGTON

M.I.T. REGIONAL CONFERENCE

IEEE INSTITUTE
1001 16th St., N.W.
WASHINGTON

MARCH 1, 1958
SHOREHAM HOTEL, WASHINGTON

GEORGE R. HARRISON
Dean of the School of Science

WHAT'S AHEAD FOR SCIENCE?

A seemingly known and ordered world is giving way to one both new and strange, a world in which science plays an increasingly important role. An understanding of the vast changes modern science is producing becomes increasingly important. One of the great obligations of an institution where many advances in scientific thought originate is to help interpret these developments for the layman and the humanist.

Widely known as author, distinguished physicist, and successful scientific administrator, Dr. Harrison will discuss past and probable progress in science, whose contributions are not merely material but intellectual, emotional, and spiritual as well. Dean of the School of Science at M.I.T., he has written a number of books about physics for laymen and as a physicist has made substantial contributions to spectroscopy, including very recently the successful ruling of the world's most powerful diffraction gratings with an engine controlled by means of light waves.

M. STANLEY LIVINGSTON
Professor of Physics

BEYOND NUCLEAR PHYSICS

Throughout the world physicists are studying phenomena that refused to fit into established theories. They are searching for a unifying concept to bring new understanding to their science and to give meaning to the confusing array of newly discovered sub-atomic particles. They are investigating the sub-nuclear forces that may dwarf today's releases of nuclear energy. Key to such exploration is the "atom smasher."

Dr. Livingston will discuss such questions as: Why build these massive, expensive devices? What purposes are served by the many different types? What new fundamental knowledge can one hope for as newer, more powerful accelerators become available?

Dr. Livingston is a professor of physics at M.I.T. and a noted authority on the design and construction of cyclotrons and other high-voltage accelerating machines for studies in atomic physics. He heads a group of M.I.T. and Harvard scientists jointly building under A.E.C. contract a six-billion-electron-volt synchrotron which will accelerate electrons to very nearly the speed of light.

ROBERT ALEXANDER WATSON-WATT
President, Adalia Limited, Adalia Compulations Limited

ANOTHER PEARL HARBOR IN THE WEST

The stunning news of the Russian sputnik has been compared to Pearl Harbor in its impact on the West. Many public pronouncements about our situation and what should be done about it, leave the layman at loss. Recent history, the crisis of the Battle of Britain, offers a human experience as a guide.

Sir Robert Watson-Watt, the Father of Radar, knighted by his King and a grateful nation, was in the front lines of a little known scientific battle in the 1930's to bring Britain's science to bear on the problem of detection of enemy aircraft. In 1942 Sir Robert was appointed to the highest policy forming board concerned with the development, production and application of radio and radar systems in the British war effort. In 1943 he led a British Joint Radar Mission to the United States as a sequel to the Compton Mission of 1942 to the United Kingdom.

In 1947 Sir Robert founded a private scientific advisory and consulting engineering practice. In 1955 his "Adalia Group" was augmented by forming a compulation and electronic information processing bureau in Montreal.

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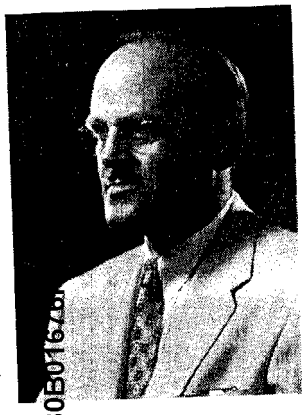

FRANCIS O. SCHMITT
Institute Professor and Professor of Biology

NEW FRONTIERS IN MOLECULAR BIOLOGY

Just as the physicists are exploring the unseen world of the atom and its nucleus, biologists, biophysicists and biochemists today are probing into the molecular machinery of the cell in the search for a better understanding of the human body and its functions in health and disease. They are asking such questions as "What is life?", "How do nerves and muscles work?" and "What are the mysterious processes by which characteristics are transferred from one generation to another?" Dr. Schmitt, Institute Professor, was formerly head of the Department of Biology. He is distinguished for his biological research, especially in the application of physical and chemical techniques in the investigation of basic biological problems. He has advanced the close cooperation between the Institute's Department of Biology and its sister sciences, physics, chemistry, and electrical engineering. For his own research he has received many honors, among them a 1956 Albert Lasker Award for outstanding achievement in medical research.

ELBERT P. LITTLE
Executive Director of the
Physical Science Study Committee

TWENTIETH CENTURY PHYSICS IN THE HIGH SCHOOL

The Physical Science Study Committee, representing a task force of more than 100 educators, scientists, writers, and motion picture experts, has already devoted more than a year to improving—or perhaps even revolutionizing—the teaching of physics in the high school.

This project includes the preparation of a new exciting textbook; new laboratory and demonstration apparatus that is inexpensive enough for the smallest school, yet easy to assemble or to store; seventy twenty-minute motion pictures; and more than one hundred paperback books covering a broad range of supplemental subjects to provide low-cost, authoritative, and stimulating outside reading.

Dr. Little, who will report on this vital work, has taught science at Phillips Exeter Academy, Wayne State University, Radcliffe, and Harvard; was technical manager of the Marine Biological Laboratory at Woods Hole for six years; and was in charge of the Computation Branch of the Aeronautical Research Laboratory at Wright-Patterson Air Force Base for five years.

Registration

The registration fee of $17.50 will cover attendance at the entire conference, including the luncheon, reception, and dinner. Ladies are invited to attend the entire conference. If they wish to attend only the reception and dinner, the fee will be $10.00. Dress: black tie for reception and dinner.

Reservations must be received before Wednesday, February 26, in order that arrangement for meals can be made with the hotel. Reservations received after that date will be filled only if capacity is available.

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Program

10:00 REGISTRATION

10:30 COFFEE

11:00 MORNING SESSION

DEAN GEORGE R. HARRISON, "What's Ahead for Science?"

DR. M. STANLEY LIVINGSTON, "Beyond Nuclear Physics"

12:15 LUNCHEON

SIR ROBERT A. WATSON-WATT, "Another Pearl Harbor in the West"

2:30 AFTERNOON SESSION

DR. FRANCIS O. SCHMITT, "New Frontiers in Molecular Biology"

DR. ELBERT P. LITTLE, "Twentieth Century Physics in the High School"

7:00 RECEPTION

8:00 DINNER

DR. JULIUS A. STRATTON, Acting President and Chancellor of the Massachusetts Institute of Technology

DR. JAMES R. KILLIAN, JR., Special Assistant to the President of the United States

JULIUS A. STRATTON

Acting President of the Massachusetts Institute of Technology

Dr. Stratton, leading physicist, has been associated with the Massachusetts Institute of Technology since 1920 as student, faculty member, and administrator. He has played an important role in relating scientific research to military and other needs, in both the famed Radiation Laboratory of World War II and later as Director of the Research Laboratory of Electronics. Since 1949, as Provost and later as Chancellor, he has been in charge of the academic program of M.I.T.

When Dr. Killian was called to Washington to become Special Assistant to the President, Dr. Stratton assumed additional duties as Acting President of the Institute. His many years of service in science and academic administration fully qualify him for leadership of one of the world's great educational institutions. Dr. Stratton is a Trustee and member of the Executive Committee of the Ford Foundation; a member of the National Science Board; a member-trustee of Rand Corporation and former Chairman of the Naval Research Advisory Committee. He is a Fellow of the National Academy of Science.

JAMES R. KILLIAN, JR.

Special Assistant to the President of the United States

The nation has been especially aware of Dr. Killian since his appointment in November as Special Assistant to President Eisenhower for Science and Technology, but he has long been a vehement spokesman on behalf of better schools, more emphasis on science, higher standards in the training of engineers and greater attention to basic research.

He has served the government in a number of advisory capacities: as a member of the Science Advisory Committee of the Office of Defense Mobilization; Chairman of the Board of Trustees of the Institute for Defense Analysis; Chairman of the President's Board of Consultants on Foreign Intelligence Activities; Chairman of the Scientific Advisory Panel for the Department of the Army; Chairman for the Air University's Board of Visitors and a member of the Board of Visitors for the United States Naval Academy. For eight years President of M.I.T., Dr. Killian has been a major contributor—both to M.I.T. and to the nation—of long-range plans for scientific and technological progress.

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CENTRAL INTELLIGENCE AGENCY

OFFICIAL ROUTING SLIP

TO	NAME AND ADDRESS	INITIALS	DATE
1	DD/I	Jel	FEB 14 1958
2	Dr. Herbert Scoville		
3			
4			
5			
6			

	ACTION		DIRECT REPLY		PREPARE REPLY
	APPROVAL		DISPATCH		RECOMMENDATION
	COMMENT		FILE		RETURN
	CONCURRENCE		INFORMATION		SIGNATURE

Remarks:

Here is another invitation from the M.I.T. group. I understand you are planning to attend this conference. As you know, the Director will not be able to make it this time.

FOLD HERE TO RETURN TO SENDER

FROM: NAME, ADDRESS AND PHONE NO.	DATE
[redacted]	13 Feb 58

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STATINTL

FORM NO. 237 Replaces Form 30-4 which may be used. (40)

1 APR 55

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